(54) Title: A METHOD FOR AND APPARATUS FOR AGGREGATING INCOMING PACKETS INTO OPTICAL FOR AN OP-
TICAL BURST SWITCHED NETWORK

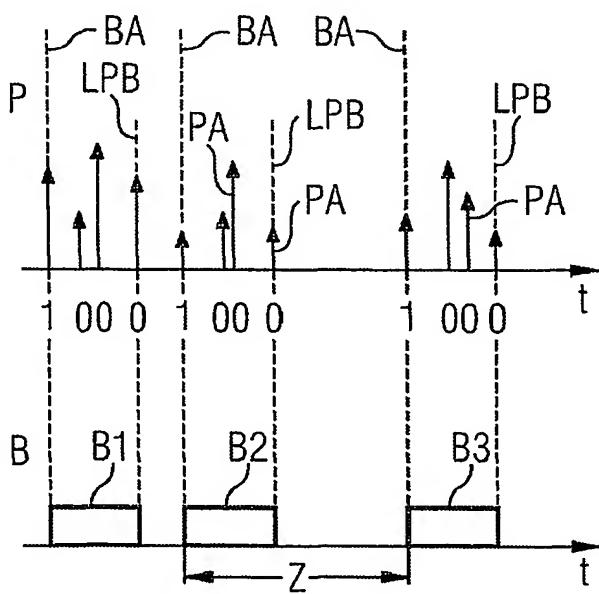(57) Abstract: Incoming packets are aggregated into op-
tical bursts in an edge node of an Optical Burst Switched
Network. This comprises the following steps. Storing
the incoming packets to generate an optical burst. As-
sociating each incoming packet with a generated random
binary digit with a probability for a. first and a second
value of the binary digit. A packet with a binary digit
having the first value indicates a transition between opti-
cal bursts. Sending the optical burst with the aggregated
packets when a transition is indicated by the first value.

WO 2005/018272 A1